

The floods in the lower Rio Grande and the upper Willamette were well forecast and without serious consequence.

EFFECT OF WEATHER ON CROPS AND FARMING OPERATIONS, NOVEMBER, 1926

By J. B. KINCER

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
ATLANTIC DRAINAGE					
Lehigh, Mauch Chunk, Pa.	<i>Feet</i> 12	17	17	<i>Feet</i> 13.5	17
Susquehanna:					
Oneonta, N. Y.	12	17	17	12.3	17
Bainbridge, N. Y.	11	18	21	11.5	19
Binghamton, N. Y.	14	17	17	14.4	17
Towanda, Pa.	16	17	17	16.6	17
Wilkes-Barre, Pa.	20	17	18	22.8	17
Harrisburg, Pa.	17	17	17	17.0	17
Unadilla, New Berlin, N. Y.	8	17	19	9.0	17
James, Columbia, Va.	18	18	18	19.6	18
Saluda, Pelzer, S. C.	7	16	16	7.0	16
MISSISSIPPI DRAINAGE					
Tuscarawas, Gnadenhutten, Ohio.	9	1	3	11.4	1
Little Kanawha:					
Glenville, W. Va.	23	16	17	33.6	16
Creston, W. Va.	20	17	17	23.7	17
Scioto, Circleville, Ohio.	10	(1)	2	11.5	1
Tippecanoe, Norway, Ind.	6	16	16	6.2	16
French Broad, Asheville, N. C.	4	16	16	4.0	16
Big Pigeon, Newport, Tenn.	6	16	16	6.4	16
Illinois:					
Morris, Ill.	13	15	20	14.9	16
Peru, Ill.	14	(1)	7	23.4	Oct. 7.
		14	(2)	19.9	Nov. 19.
Henry, Ill.	10	(1)	1	18.2	Oct. 8-9.
		15	(2)	14.5	Nov. 22.
Peoria, Ill.	18	17	(2)	21.0	Nov. 23-24.
Havana, Ill.	14	(1)	11	23.47	Oct. 12.
		14	(2)	18.6	Nov. 29-30.
Beardstown, Ill.	14	(1)	(2)	26.25	Oct. 12.
Second rise				20.4	Nov. 29-30.
Pearl, Ill.	12	(1)	12	22.0	Oct. 6-7.
		14	(2)	16.4	Nov. 30.
Petit Jean, Danville, Ark.	20	16	18	21.9	Nov. 17
WEST GULF DRAINAGE					
Guadalupe, Victoria, Tex.	16	1	1	17.8	1
Rio Grande:					
Rio Grande City, Tex.	21	1	1	21.5	1
San Benito, Tex.	21	2	3	23.3	2
PACIFIC DRAINAGE					
Willamette, Eugene, Oreg.	12	30	(2)	14.0	30
Santiam, Jefferson, Oreg.	10	30	30	12.0	30

¹ Continued from last month.

² Continued at end of month.

³ Estimated.

MEAN LAKE LEVELS DURING NOVEMBER, 1926

By UNITED STATES LAKE SURVEY

[Detroit, Mich., December 3, 1926]

The following data are reported in the Notice to Mariners of the above date:

Data	Lakes ¹			
	Superior	Michigan and Huron	Erie	Ontario
Mean level during November, 1926:				
Above mean sea level at New York	Feet 601.75	Feet 578.22	Feet 571.52	Feet 245.24
Above or below—				
Mean stage of October, 1926	+0.07	-0.10	-0.17	+0.31
Mean stage of November, 1925	+0.69	+0.54	+1.07	+0.93
Average stage for November, last 10 years	-0.48	-1.61	-0.14	-0.09
Highest recorded November stage	-1.76	-4.70	-2.15	-2.58
Lowest recorded November stage	+0.69	+0.54	+1.07	+1.83
Average departure (since 1860) of the November level from the October level	-0.17	-0.27	-0.26	-0.25

¹ Lake St. Clair's level: In November, 1926, 573.92 feet.

General summary.—During the first 10 days of the month the generally fair weather was favorable for field work, and good progress was made in seasonal farm operations, except that near the close of this period there was considerable interruption by widespread rains over the eastern half of the country. Temperatures were also favorable for drying out corn in the central valley States, and frost damage was of minor consequence. It continued too dry, however, in the west-central Great Plains, and moisture was needed in parts of the Southeast, while severe drought continued in the western Great Basin.

About the middle of the month generous to heavy rains in the Southeast relieved droughty conditions that had prevailed in much of that section, the rains being especially welcome in Virginia and the Carolinas. Widespread precipitation east of the Great Plains interrupted farm work during the middle portion of the month, but conditions continued especially favorable for livestock over the great western grazing districts.

In the interior valley States the latter part of the month had less precipitation and warmer weather than previously, which made better conditions for seasonal farm operations. In the South, the weather was generally favorable but in the more northern States from the Great Plains eastward cold weather and frequent precipitation were unfavorable. In the south Atlantic area the warm, dry, and sunny weather, following the previous rains, made ideal conditions for winter truck crops and cereals, and there was little interruption to field work. The droughty conditions in the west-central Great Plains continued at the close of the month, but generous to heavy precipitation in nearly all sections west of the Rocky Mountains was favorable.

Small grains.—Early-seeded winter wheat came up to a good stand generally in the central valley States and the Great Plains, and the month, on the whole was favorable for the crop, except that in the extreme western portion of the belt moisture was deficient. About the middle of November precipitation benefited the lower Missouri Valley, and the increased moisture in the far Northwest improved wheat, especially in the North Pacific Coast States. In the eastern Wheat Belt the crop made rather slow growth during the middle and latter parts of the month, but the early-seeded generally did well.

Corn.—During the first part of November the corn crop dried out very well under the influence of the prevailing fair weather, but after the first week rain or snow over much of the belt was unfavorable, and the grain was too damp in many sections for proper cribbing. Some further molding in fields and cribs was reported from the Ohio Valley States, but housing progressed favorably in the Northwest and also in the western portions of the Corn Belt. During the latter part of the month the generally warm weather and occasional rain kept the fields soft and muddy in the East, and husking made rather slow progress, with some sections reporting further deterioration in quality.

Cotton.—Freezing weather in the northeastern portion of the Cotton Belt early in the month damaged some